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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES

Certified Mail No.

Activity No.: PER20060003
Agency Interest No. 4803

Mr. Christopher Synek
Regional Vice President
Allied Waste Industries, Inc.
16800 Greenspoint Park Dr Ste 225 N
Houston, TX 77060

RE: Part 70 Operating Permit, BFI - Colonial Landfill
Browning-Ferris Industries, Sorrento, Ascension Parish, Louisiana

Dear Mr. Synek:

This is to inform you that the permit for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

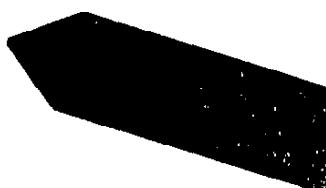
Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the _____ of _____, 2013, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2008.

Permit No.: 0180-00035-V2

Sincerely,

Cheryl Sonnier Nolan
Assistant Secretary
CSP:sfp
c: EPA Region VI



**AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY**

**Colonial Landfill
Agency Interest No.: 4803
BFI Waste Systems of Louisiana, LLC
Sorrento, Ascension Parish, Louisiana**

I. Background

BFI Waste Systems of Louisiana, LLC, a division of Allied Waste Industries, Inc., Colonial Landfill, an existing municipal solid waste facility began operation in 1973. The BFI - Colonial Landfill currently operates under Permit No. 0180-00035-V1, issued January 17, 2002.

This is the Part 70 operating permit renewal for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire were submitted by BFI Waste Systems of Louisiana, LLC, on July 20, 2006 requesting a renewal of and modification to the Part 70 operating permit. Additional information dated August 21, 2006 was also received.

III. Description

Colonial Landfill serves as a collection and disposal point for municipal solid waste. The decomposing waste encapsulated in the landfill produces gas which is primarily composed of methane, carbon dioxide, and numerous trace organic compounds. Colonial Landfill's design capacity is 6.97 million Megagrams (Mg). Since the design capacity is greater than 2.5 million Mg and 2.5 million cubic meters, the site is subject to the New Source Performance Standards (NSPS), 40 CFR Part 60, Subpart WWW for Municipal Solid Waste (MSW) landfills. The site is also subject to 40 CFR Part 63, Subpart AAAA – National Emission Standards for Hazardous Air Pollutants (NESHAP): Municipal Solid Waste Landfills.

Results of Tier 2 testing conducted in 2005 demonstrated that the emission rate of non-methane organic compounds (NMOCs) is greater than 50 Mg/yr.

The landfill utilizes a landfill gas collection and control system (GCCS) to control the landfill gas (LFG). The active GCCS is equipped with extraction wells to collect the LFG from the landfill and transport it to an enclosed flare for combustion. The flare is capable of combusting up to 2,951 standard cubic feet per minute (scfm) of LFG at 50% methane.

The enclosed flare is equipped with a flame safeguard and auto-ignition pilot system that provides automatic flare start-up. A master flow control valve along the main LFG header regulates the amount of LFG extracted from the landfill. This valve is also used as an isolation valve to prevent the direct release of LFG emissions from the collection system during system

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repairs. Monitoring ports installed in the main header, upstream from the valve, measure LFG flow, pressure and composition.

A flare destruction efficiency of 98% is assumed to be achievable for volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) (except hydrogen chloride (HCl), which is created during the combustion process).

Colonial Landfill occasionally receives liquid wastes on-site which require solidification prior to disposal. Particulate matter and VOCs are emitted during the solidification process.

This permit renewal revises the calculated emissions of the enclosed flare to accurately reflect the correct design flow. The uncollected landfill gas emissions are updated to reflect actual waste acceptance rates obtained from the site and to reflect the most recent version of the landfill gas emissions model. The portable pumps emissions are revised to reflect the replacement of the previous pumps (9 hp, 11 hp and 25 hp) with two 5 hp pumps. Also, four new emissions points are being added: ARE5 – Solidification Operations; ARE8 – Earthmoving Operations; EQT8 – Leachate Storage Tank 1; and, EQT9 – Leachate Storage Tank 2. Two emissions points are being removed (Leachate Pond and Leachate Storage Tank).

Estimated emissions in tons per year are as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
PM ₁₀	16.05	41.63	+25.58
SO ₂	1.69	5.97	+4.28
NO _X	24.38	35.57	+11.19
CO	95.73	141.35	+45.62
VOC	11.68	27.19	+15.51

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VOC LAC 33:III. Chapter 51 Toxic Air Pollutants (TAPs) in tons per year as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
1,1,2,2-Tetrachloroethane	0.02	0.18	+0.16
1,2-Dibromoethane	<0.01	<0.01	0
1,2-Dichloroethane	0.01	0.04	+0.03
1,2-Dichloropropane	0.01	0.02	+0.01
1,4-Dichlorobenzene	0.01	0.04	+0.03
2,4-Dinitrotoluene	<0.01	0.02	+0.01
Acrylonitrile	0.02	0.33	+0.31
Benzene	<0.01	0.15	+0.14
Carbon disulfide	0.24	0.04	-0.2
Carbon tetrachloride	0.01	<0.01	0
Carbonyl sulfide	0.19	0.03	-0.16
Chlorobenzene	0.01	0.43	+0.42
Chloroethane	0.01	0.08	+0.07
Chloroform	0.01	0.04	+0.03
Chloromethane	0.01	0.06	+0.05
Cresol	-	0.16	+0.16
Ethyl benzene	0.52	0.59	+0.07
Ethylene glycol	-	<0.01	+0.01
Hexachloro-1,3-butadiene	<0.01	<0.01	0
Hexachlorobenzene	<0.01	<0.01	0
Hexachloroethane	<0.01	<0.01	0
Methyl ethyl ketone	-	1.33	+1.33
Methyl isobutyl ketone	-	0.19	+0.19
Nitrobenzene	<0.01	<0.01	0
Phenol	<0.01	0.13	+0.12
Pyridine	-	0.01	+0.01

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VOC LAC 33:III. Chapter 51 Toxic Air Pollutants (TAPs) in tons per year as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Toluene	<0.01	3.64	+3.63
Trichloroethylene	<0.01	0.37	+0.36
Vinyl chloride	0.18	0.45	+0.27
Xylene	<0.01	3.06	+3.05
Total	1.36	11.46	10.10

Non-VOC LAC 33:III. Chapter 51 Toxic Air Pollutants (TAPs) in tons per year as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
1,1,1-Trichloroethane	0.01	0.06	+0.14
Dichloromethane	0.01	1.17	+1.16
Hydrochloric acid	0.31	2.97	+2.66
Hydrogen sulfide	0.21	1.21	+1.00
Mercury (and compounds)	-	<0.01	+0.01
Tetrachloroethylene	0.01	0.61	+0.60
Total	0.55	6.03	+5.48

Other VOC LAC 33:III. Chapter 51 Toxic Air Pollutants (TAPs) in tons per year as follows:

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
1,1-Dichloroethane	0.01	0.23	+0.22
Total	0.01	0.23	+0.22

<u>Pollutant</u>	<u>Before</u>	<u>After</u>	<u>Change</u>
Other VOC (TPY):	9.77	9.47	-0.30

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP). Prevention of Significant Deterioration (PSD) regulations do not apply.

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This facility is a minor source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, on <date>, 200X; and in the <local paper>, <local town>, on <date>, 200X. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments will be considered prior to the final permit decision.

VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration ($\mu\text{g}/\text{m}^3$)	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard (NAAQS)) ($\mu\text{g}/\text{m}^3$)
1,1,2,2-Tetrachloroethane	Annual	0.753	1.70
Chlorobenzene	8 hour	281.84	1100
Vinyl chloride	Annual	1.16	1.19
Hydrochloric acid	8 hour	0.061	180

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VIII. General Condition XVII Activities

Work Activity	Schedule	PM ₁₀	Emission Rates - tons			
			SO ₂	NO _x	CO	VOC
None						

IX. Insignificant Activities

ID No.:	Description	Citation
-	Parts washer	LAC 33:III.501.B.5.D

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III Chapter																	
		5▲	509	9	11	13	15	2103	2104*	2107	2111	2115	2153	2122	22	29*	51*	53*	56
UNF1	Colonial Landfill	1		1				1						3		2		1	3
EQT 2	Enclosed Flare			1		3													
EQT 3	Tank No. 1 (Diesel Tank)							3											
EQT 4	Tank No. 2 (Gasoline Tank)							1											
EQT 5	Tank No. 3 (Gasoline Tank)							1											
EQT 8	Leachate Storage Tank 1													3					
EQT 9	Leachate Storage Tank 2													3					
EQT 10	Portable Generator									1									
EQT 11	Portable Pump									1									
EQT 12	Portable Pump									1									
ARE 4	Uncollected Landfill Gas																		
ARE 5	Solidification Process													1					
ARE 7	Road Dust													1					
ARE 8	Earthmoving Operations													1					

* The regulations indicated above are State Only regulations.

▲ All LAC 33:III Chapter 5 citations are federally enforceable including LAC 33:III.501.C.6 citations, except when the requirement found in the "Specific Requirements" report specifically states that the regulation is State Only.

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KEY TO MATRIX

- 1 -The regulations have applicable requirements that apply to this particular emission source.
 -The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS						40 CFR 61			40 CFR 63 NESHAP			40 CFR		
		A	K	Ka	Kb	Db	JJJ	WWW	A	J	M	A	HH	SS	AAAA	68
UNF1	Colonial Landfill	1						1	1	1	1			1	3	3
EQT 2	Enclosed Flare	1						1						1		
EQT 3	Tank No. 1 (Diesel Tank)															
EQT 4	Tank No. 2 (Gasoline Tank)															
EQT 5	Tank No. 3 (Gasoline Tank)															
EQT 8	Leachate Storage Tank 1															
EQT 9	Leachate Storage Tank 2															
EQT 10	Portable Generator							3								
EQT 11	Portable Pump							3								
EQT 12	Portable Pump							3								
ARE 4	Uncollected Landfill Gas														1	
ARE 5	Solidification Process															
ARE 7	Road Dust															
ARE 8	Earthmoving Operations															

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KEY TO MATRIX

- 1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.
- 2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.
- 3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
	40 CFR 68 – Chemical Accident Prevention Provision	DOES NOT APPLY. The facility does not have more than the threshold quantity of a regulated substance in a process, as determined under 40 CFR 68.115.
	40 CFR 82 – Protection of Stratospheric Ozone	DOES NOT APPLY. There are no applicable CFC chillers/coolers onsite.
UNF 1- Plant Wide	Fugitive Emission Control for Ozone Nonattainment Area and Specified Parishes [LAC 33:III.2122]	DOES NOT APPLY. Facility is not listed as being applicable in 2122.A
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.Chapter 51]	EXEMPT. Facility is not a major source of TAPs emitting less than 10 tons per year of any toxic air pollutant listed in LAC 33:III.5112, Table 51.1 or 25 tons per year or more of any combination of toxic air pollutants listed in LAC 33:III.5112, Table 51.1.
	Chemical Accident Prevention and Minimization of Consequences [LAC 33:III.5901]]	DOES NOT APPLY. A risk management plan is not required at this time since the threshold for a regulated substance is not exceeded.
EQT 2 – Enclosed Flare	Emission Standards for Sulfur Dioxide Continuous Emissions Monitoring [LAC 33:III.1511.A] Emission Standards for Sulfur Dioxide Recordkeeping and Reporting [LAC 33:III.1513]	DOES NOT APPLY. Units emit less than 250 tons of SO ₂ per year. Record and retain at the site for at least 2 years the data required to demonstrate compliance with or exemption from SO ₂ standards of Chapter 15. Compliance data shall be reported annually in accordance with LAC 33:III.918.
EQT 3 –	Storage of Volatile Organic Compounds [LAC 33:III.2103]	DOES NOT APPLY. Vapor pressure less than 1.5 psia.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
Tank No. 1 (Diesel Tank)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. The storage vessel is less than 75m ³ (19,800 gal).
EQT 4 – Tank No. 2 (Gasoline)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. The storage vessel is less than 75m ³ (19,800 gal).
EQT 5 – Tank No. 3 (Gasoline)	NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. The storage vessel is less than 75m ³ (19,800 gal).
EQT 8 – Leachate Storage Tank 1	Control of Emission of Organic Compounds – Limiting VOC Emissions from Industrial Wastewater [LAC 33:III.2153] NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. Landfills are not covered under LAC 33.III.2153.
EQT 9 – Leachate Storage Tank 2	Control of Emission of Organic Compounds – Limiting VOC Emissions from Industrial Wastewater [LAC 33:III.2153] NSPS Subpart Kb – Standards of Performance for Volatile Organic Liquid Storage Vessels [40 CFR 60.110]	DOES NOT APPLY. Vapor pressure less than 3.5 kilopascals (kPa).
EQT 10 – Portable Generator	NSPS Subpart JJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Generator was constructed prior to June 12, 2006

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
EQT 11-Portable Pump	NSPS Subpart IIIJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Pump was constructed prior to July 1, 2008, is less than 500 hp, does not have a lean burn engine and is use for non-emergency purposes.
EQT 12-Portable Pump	NSPS Subpart IIIJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines [40 CFR 60.4230]	DOES NOT APPLY. Pump was constructed prior to July 1, 2008, is less than 500 hp, does not have a lean burn engine and is use for non-emergency purposes.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

40 CFR PART 70 GENERAL CONDITIONS

- A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]
- B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]
- C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]
- D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]
- E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]
- F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]
- G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]
- H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:
 - 1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];
 - 2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];
 - 3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

40 CFR PART 70 GENERAL CONDITIONS

4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]
- I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]
- J. Records of required monitoring shall include the following:
 1. the date, place as defined in the permit, and time of sampling or measurements;
 2. the date(s) analyses were performed;
 3. the company or entity that performed the analyses;
 4. the analytical techniques or methods used;
 5. the results of such analyses; and
 6. the operating conditions as existing at the time of sampling or measurement.
[Reference 40 CFR 70.6(a)(3)(ii)(A)]
- K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]
- L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]
- M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]
- N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

40 CFR PART 70 GENERAL CONDITIONS

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

- O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]
- P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]
- Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:
 - 1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;
 - 2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;
 - 3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;
 - 4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;
 - 5. changes in emissions would not qualify as a significant modification; and
 - 6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]
- R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).
 - 1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
 - 2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

40 CFR PART 70 GENERAL CONDITIONS

3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:
 - a. Report by June 30 to cover January through March
 - b. Report by September 30 to cover April through June
 - c. Report by December 31 to cover July through September
 - d. Report by March 31 to cover October through December
4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]
- S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]
- T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;
 2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;
 3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;
 4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);
 5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and
 6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

40 CFR PART 70 GENERAL CONDITIONS

- U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

- V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.
- II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.
- III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated July 20, 2006, along with supplemental information dated August 21, 2006.
- IV. This permit shall become invalid, for the sources not constructed, if:
 - A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;
 - B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.
This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.
- V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.
- VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.
- VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.
- IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.
- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.
- A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.
- B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.
- C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:
1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

**LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS**

- D. Each report submitted in accordance with this condition shall contain the following information:
1. Description of noncomplying emission(s);
 2. Cause of noncompliance;
 3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
 4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.
- XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT GENERAL CONDITIONS

- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 4803 BFI - Colonial Landfill
 Activity Number: PER2006D003
 Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

Also Known As:	ID	Name	User Group	Start Date
RAL-001	0180-00035	Regulated Asbestos Landfill	Asbestos	12-12-2006
80	LAD150757649	BFI - Colonial Landfill	CDS Number	05-27-1993
00223	LAD980749956	Hurricane Katrina Response Related Facility	Emergency Debris Site	12-06-2005
LA0064335	WP0393	Browning Ferris Waste Systems	Hazardous Waste Notification	02-18-1987
TD-005-0532	12214	BFI - Colonial Landfill	Inactive & Abandoned Sites	05-26-1982
15984	16909	Ascension Parish Landfill	Inactive & Abandoned Sites	05-26-1982
19913	8141	LFDES #	LPDES Permit #	06-25-2003
5706	WQC JP 041026-01	LWDPS #	LWDPS Permit #	06-25-2003
520		Site ID #	Solid Waste Facility No.	03-02-2000
		Browning Ferris Waste Systems	TEMPO Merge	01-30-2001
		Browning-Ferris Inc - Colonial Longhaul	TEMPO Merge	01-30-2001
		BFI - Colonial Landfill	TEMPO Merge	01-30-2001
		BFI - Colonial Landfill	TEMPO Merge	05-02-2001
		Browning Ferris Industries	TEMPO Merge	01-30-2001
		Waste Tires	Waste Tire Facility ID Number	01-08-2002
		Water Quality Certification # Expansion Project	Water Certification	10-29-2004
		Browning Ferris Inc	Water Permitting	11-21-1999
			Main Phone:	2256758021
				2256758021 (WP)
				3333158405 (WP)
				matt.robillard@awin.
				matt.robillard@awin.
				3373158405 (WP)
				3333158405 (WP)
				matt.robillard@awin.
				2256860122 (WP)
				2816732036 (WP)
				Water Billing Party for
				Air Permit Contact For
				Air Permit Contact For
				Emission Inventory Contact for
				Emission Inventory Contact for
				Solid Waste Billing Party for
				Solid Waste Billing Party for
				Responsible Official for

General Information

AI ID: 4803 BFI - Colonial Landfill
Activity Number: PER20060003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

Related People:	Name	Mailing Address	Phone (Type)	Relationship
	Name	Address	Phone (Type)	Relationship
	Christopher Synek	16800 Greenspoint Park Dr Ste 225 N Houston, TX 77060	chris.synek@aawin.cc	Responsible Official for
Related Organizations:	Name	Address	Phone (Type)	Relationship
	BFI Waste Systems of Louisiana LLC	808 L&A Rd Metairie, LA 70001	5048378950 (WP)	Owns
	BFI Waste Systems of Louisiana LLC	808 L&A Rd Metairie, LA 70001	5048378950 (WP)	Emission Inventory Billing Party
	BFI Waste Systems of Louisiana LLC	808 L&A Rd Metairie, LA 70001	5048378950 (WP)	Operates
	Browning-Ferris Industries	PO Box 605 Sorrento, LA 707780605		Air Billing Party for
	Providence Engineering & Environmental Group LLC	1201 Main St Baton Rouge, LA 70802	2257667400 (HP)	Provides environmental services for

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 4803 - BFI - Colonial Landfill
 Activity Number: PER20060003
 Permit Number: 0180-00035-V2
 Air - Title V Regular Permit Renewal

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
Entire Facility						
ARE0004	002 - Uncollected Landfill Gas			60000 gallons/day		8760 hr/yr (All Year)
ARE0005	012 - Solidification Process					2496 hr/yr (All Year)
ARE0007	D-2-0532-2 - Road Dust					8760 hr/yr (All Year)
ARE0008	D-2-0532-3 - Earthmoving Operations					8760 hr/yr (All Year)
EQT0002	001 - Enclosed Flare					8760 hr/yr (All Year)
EQT0003	003 - Tank No. 1 (Diesel Tank)					8760 hr/yr (All Year)
EQT0004	004 - Tank No. 2 (Gasoline)					8760 hr/yr (All Year)
EQT0005	005 - Tank No. 3 (Gasoline)					8760 hr/yr (All Year)
EQT0008	010 - Leachate Storage Tank 1					8760 hr/yr (All Year)
EQT0009	011 - Leachate Storage Tank 2					8760 hr/yr (All Year)
EQT0010	007 - Portable Generator			8 horsepower		728 hr/yr (All Year)
EQT0011	008a - Portable Pump			5 horsepower		728 hr/yr (All Year)
EQT0012	008b - Portable Pump			5 horsepower		728 hr/yr (All Year)

Stack Information:

ID	Description	Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (°F)
Entire Facility							
ARE0005	012 - Solidification Process				1000		
EQT0002	001 - Enclosed Flare		42	183954	10	40	1400

Relationships:

Subject Item Groups:

ID	Group Type	Group Description	Member of Groups
GRF0001	Equipment Group	008 - Portable Pumps Cap	GRP0000000001
UNF0001	Unit or Facility Wide	-	GRP0000000001

Group Membership:

ID	Description	Member of Groups
EQT0011	008a - Portable Pump	GRP0000000001
EQT0012	008b - Portable Pump	GRP0000000001

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

Fee Number	Air Contaminant Source	Multiplier	Units Of Measure
1525	Sanitary Landfill (Planned Capacity)	6.97	MM Mg

INVENTORIES

AI ID: 4803 - BFI - Colonial Landfill
Activity Number: PER20060003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

SIC Codes:

4953	Refuse systems	A14803
4953	Refuse systems	UNF001

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 4803 - BFI - Colonial Landfill
 Activity Number: PER20060003
 Permit Number: 0180-00035-V2
 Air - Title V Regular Permit Renewal

Subject Item	CO			NOx			PM10			SO2			VOC		
	Avg lb/hr	Max lb/hr	Tons/Year												
Entire Facility															
ARE 0004															
002															
ARE 0005															
012															
ARE 0007															
D-2-0532-2															
ARE 0008															
D-2-0532-3															
EQT 0002	32.26	32.26	141.30	8.07	8.07	35.33	1.48	1.48	6.46	1.36	1.36	5.95	0.10	0.10	0.46
001															
EQT 0003															
003															
EQT 0004															
004															
EQT 0005															
005															
EQT 0008															
010															
EQT 0009															
011															
EQT 0010	0.05	0.05	0.02	0.25	0.25	0.11	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.02	0.01
007															
EQT 0011			0.03				0.16			0.01				0.01	
008a															
EQT 0012			0.03				0.15			0.01			0.01		
008b															
GRP 0001	0.07		0.03	0.31		0.14	0.02		0.01	0.02		0.01	0.03		0.01
008															

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote.

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4803 - BFI - Colonial Landfill

Activity Number: PER20060003

Permit Number: 0180-00035-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0004 002	1,1,1-Trichloroethane	0.01	0.01	0.06
	1,1,2,2-Tetrachloroethane	0.04	0.04	0.18
	1,1-Dichloroethane	0.05	0.05	0.23
	1,2-Dibromoethane	< 0.001	< 0.001	< 0.01
	1,2-Dichloroethane	0.01	0.01	0.04
	1,2-Dichloropropane	0.01	0.01	0.02
	Acrylonitrile	0.08	0.08	0.33
	Benzene	0.03	0.03	0.15
	Carbon disulfide	0.01	0.01	0.04
	Carbon tetrachloride	< 0.001	< 0.001	< 0.01
	Carbonyl sulfide	0.01	0.01	0.03
	Chlorobenzene	0.01	0.01	0.03
	Chloroethane	0.02	0.02	0.08
	Chloroform	0.001	0.001	< 0.01
	Dichloromethane	0.27	0.27	1.17
	Ethyl benzene	0.11	0.11	0.48
	Hydrogen sulfide	0.28	0.28	1.21
	Mercury (and compounds)	< 0.001	< 0.001	< 0.01
	Methyl chloride	0.01	0.01	0.06
	Methyl ethyl ketone	0.12	0.12	0.51
	Methyl isobutyl ketone	0.04	0.04	0.19
	Tetrachloroethylene	0.14	0.14	0.61
	Toluene	0.81	0.81	3.54
	Trichloroethylene	0.08	0.08	0.36
	Vinyl chloride	0.10	0.10	0.45
	Xylene (mixed isomers)	0.29	0.29	1.26
ARE 0005 012	1,2-Dichloroethane	0.002	0.002	< 0.01
	2,4-Dinitrotoluene	0.01	0.01	0.02
	Acrylonitrile	0.002	0.002	< 0.01
	Benzene	0.001	0.001	< 0.01
	Carbon tetrachloride	0.002	0.002	< 0.01
	Chlorobenzene	0.32	0.32	0.40
	Chloroform	0.03	0.03	0.04
	Cresol	0.13	0.13	0.16

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4803 - BFI - Colonial Landfill

Activity Number: PER20060003

Permit Number: 0180-00035-V2

Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
ARE 0005 012	Ethyl benzene	0.09	0.09	0.11
	Ethylene glycol	0.002	0.002	< 0.01
	Hexachlorobenzene	< 0.001	< 0.001	< 0.01
	Hexachlorobutadiene	0.002	0.002	< 0.01
	Hexachloroethane	< 0.001	< 0.001	< 0.01
	Methyl ethyl ketone	0.65	0.65	0.82
	Nitrobenzene	0.004	0.004	< 0.01
	Phenol	0.10	0.10	0.13
	Polychlorinated biphenyls	0.02	0.02	0.03
	Pyridine	0.01	0.01	0.01
	Tetrachloroethylene	0.002	0.002	< 0.01
	Toluene	0.09	0.09	0.11
	Trichloroethylene	0.002	0.002	< 0.01
	Vinyl chloride	0.001	0.001	< 0.01
EQT 0002 001	Xylene (mixed isomers)	1.44	1.44	1.80
	Hydrochloric acid	0.68	0.68	2.97
UNF 0001	1,1,1-Trichloroethane			0.06
	1,1,2,2-Tetrachloroethane			0.18
	1,1-Dichloroethane			0.23
	1,2-Dibromoethane			< 0.01
	1,2-Dichloroethane			0.04
	1,2-Dichloropropane			0.02
	1,4-Dichlorobenzene			0.04
	2,4-Dinitrotoluene			< 0.02
	Acrylonitrile			0.33
	Benzene			0.15
	Carbon disulfide			0.04
	Carbon tetrachloride			< 0.01
	Carbonyl sulfide			0.03
	Chlorobenzene			0.43
	Chloroethane			0.08
	Chloroform			0.04
	Cresol			< 0.16
	Dichloromethane			1.17

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 4803 - BFI - Colonial Landfill
 Activity Number: PER20060003
 Permit Number: 0180-00035-V2
 Air - Title V Regular Permit Renewal

Emission Pt.	Pollutant	Avg lb/hr	Max lb/hr	Tons/Year
UNF 0001	Ethyl benzene			0.59
	Ethylene glycol			< 0.01
	Hexachlorobenzene			< 0.01
	Hexachlorobutadiene			< 0.01
	Hexachloroethane			< 0.01
	Hydrochloric acid			2.97
	Hydrogen sulfide			1.21
	Mercury (and compounds)			< 0.01
	Methyl chloride			0.06
	Methyl ethyl ketone			1.33
	Methyl isobutyl ketone			0.19
	Nitrobenzene			< 0.01
	Phenol			0.13
	Pyridine			0.01
	Tetrachloroethylene			0.61
	Toluene			3.65
	Trichloroethylene			0.37
	Vinyl chloride			0.45
	Xylene (mixed isomers)			3.06

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals unless otherwise noted in a footnote. Emission rate attributed to the UNF reflect the sum of the TAP/HAP limits of the individual emission points (or caps) under this permit, but do not constitute an emission cap.

SPECIFIC REQUIREMENTS

AI ID: 4803 - BF1 - Colonial Landfill
Activity Number: PER20060003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

ARE0004 002 Uncollected Landfill Gas

- 1 [40 CFR 60.752(b)(2)(i)] Submit collection and control system design plan: Due within 1 year of NMOC emission rate reaching 50 Mg/yr or more. Plan must be prepared by a professional engineer. Ensure that the collection system and control system as described in the plan meet the design requirements of 40 CFR 60.752(b)(2)(ii). Include any proposed alternatives to the operational standards, test methods, procedures, compliance measures, monitoring, recordkeeping or reporting provisions of 40 CFR 60.753 through 60.758. Plan must either conform with specifications for active collection systems in 40 CFR 60.759 or include a demonstration to DEQ's satisfaction of the sufficiency of the alternative provisions to 40 CFR 60.759. Subpart WWW. [40 CFR 60.752(b)(2)(i)]
- 2 [40 CFR 60.752(b)(2)(ii)(A)(1)] Collection system: Ensure that the collection system is designed to handle the maximum expected gas flow rate from the entire area of the landfill that warrants control over the intended use period of the gas control or treatment system equipment. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(1)]
- 3 [40 CFR 60.752(b)(2)(ii)(A)(2)] Collection system: Collect gas from each area, cell, or group of cells in the landfill in which the initial solid waste has been placed for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(2)]
- 4 [40 CFR 60.752(b)(2)(ii)(A)(3)] Collection system: Collect gas at a sufficient extraction rate. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(3)]
- 5 [40 CFR 60.752(b)(2)(ii)(A)(4)] Collection system: Ensure that the collection system is designed to minimize off-site migration of subsurface gas. Subpart WWW. [40 CFR 60.752(b)(2)(ii)(A)(4)]
- 6 [40 CFR 60.752(b)(2)(ii)(B)] Install a collection and control system that captures the gas generated within the landfill as required by 40 CFR 60.752(b)(2)(ii)(A) or (b)(2)(ii)(B) and (b)(2)(iii) within 30 months after the first annual report in which the emission rate equals or exceeds 50 Mg/yr, unless Tier 2 or Tier 3 sampling demonstrates that the emission rate is < 50 Mg/yr, as specified in 40 CFR 60.757(c)(1) or (c)(2). Subpart WWW. [40 CFR 60.752(b)(2)(ii)(B)]
- 7 [40 CFR 60.752(b)(2)(iii)(B)] Route all the collected gas to a control system designed and operated to reduce NMOC by 98 weight-percent, or, when an enclosed combustion device is used for control, to either reduce NMOC by 98 weight-percent or reduce outlet NMOC concentration to < 20 ppmv, dry basis as hexane at 3% oxygen. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(B)]
- 8 [40 CFR 60.753(a)] Collection system: Operate such that gas is collected from each area, cell, or group of cells in the MSW landfill in which solid waste has been in place for 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.753(a)]
- 9 [40 CFR 60.753(b)(1)] Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of positive pressure. Record instances when positive pressure occurs in efforts to avoid a fire. Submit records with the annual reports as provided in 40 CFR 60.757(f)(1). Subpart WWW. [40 CFR 60.753(b)(1)]
- 10 [40 CFR 60.753(b)(2)] Develop acceptable pressure limits for geomembrane or synthetic covers in the design plan. Subpart WWW. [40 CFR 60.753(b)(2)]
- 11 [40 CFR 60.753(b)] Collection system: Operate with negative pressure at each wellhead except under the conditions specified in 40 CFR 60.753(b)(1) through (b)(3). Subpart WWW. [40 CFR 60.753(b)]
- 12 [40 CFR 60.753(c)] Collection system (interior wellhead): Nitrogen < 20 percent or Oxygen < 5%. Subpart WWW. [40 CFR 60.753(c)]
- 13 [40 CFR 60.753(c)] Which Months: All Year Statistical Basis: None specified Collection system (interior wellhead): Temperature < 55 C. Subpart WWW. [40 CFR 60.753(c)]
- 14 [40 CFR 60.753(d)] Collection system: Methane < 500 ppm above background at the surface of the landfill. Subpart WWW. [40 CFR 60.753(d)]
- 15 [40 CFR 60.753(d)] Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 4803 - BFI - Colonial Landfill
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Air - Title V Regular Permit Renewal

ARE0004 002 Uncollected Landfill Gas

- 15 [40 CFR 60.753(d)] Conduct surface testing around the perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals and where visual observations indicate elevated concentrations of landfill gas, to determine if the methane level is exceeded. Subpart WWW. [40 CFR 60.753(d)]
- 16 [40 CFR 60.753(e)] Collection system: Operate such that all collected gases are vented to a control system designed and operated in compliance with 40 CFR 60.752(b)(2)(iii). Shut down the gas mover system and close all valves contributing to venting of gas to atmosphere within 1 hour if the collection or control system is inoperable. Subpart WWW. [40 CFR 60.753(e)]
- 17 [40 CFR 60.755(a)] Collection system: Use the methods specified in 40 CFR 60.755(a)(1) through (a)(6) to determine whether the gas collection system is in compliance with 40 CFR 60.752(b)(2)(ii), except as provided in 60.752(b)(2)(i)(B). Subpart WWW. [40 CFR 60.755(a)]
- 18 [40 CFR 60.755(b)] Collection system: Place each well or design component as specified in the approved design plan as provided in 40 CFR 60.752(b)(2)(i). Install each well no later than 60 days after the date on which the initial solid waste has been in place for a period of 5 years or more if active, or 2 years or more if closed or at final grade. Subpart WWW. [40 CFR 60.755(b)]
- 19 [40 CFR 60.755(c)] Implement a program to monitor for cover integrity and implement cover repairs as necessary on a monthly basis. Subpart WWW. [40 CFR 60.755(c)]
- 20 [40 CFR 60.755(c)] Methane monitored by portable analyzer quarterly. Monitor surface concentrations of methane along the entire perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals (or a site-specific established spacing) for each collection area. If a reading of 500 ppm or more above background is measured, implement the procedures specified in 40 CFR 60.755(c)(4)(i) through (c)(4)(v). Subpart WWW. [40 CFR 60.755(c)]
- Which Months: All Year Statistical Basis: None specified
- Pressure monitored by pressure instrument monthly. Measure the gauge pressure in the gas collection header of each individual well as provided in 40 CFR 60.755(a)(3). Subpart WWW. [40 CFR 60.756(a)(1)]
- Which Months: All Year Statistical Basis: None specified
- Nitrogen or Oxygen monitored by technically sound method monthly at each individual well, as provided in 40 CFR 60.755(a)(5). Subpart WWW. [40 CFR 60.756(a)(2)]
- Which Months: All Year Statistical Basis: None specified
- Temperature monitored by temperature monitoring device monthly. Monitor the temperature of the landfill gas at each individual well as provided in 40 CFR 60.755(a)(5). Subpart WWW. [40 CFR 60.756(a)(3)]
- Which Months: All Year Statistical Basis: None specified
- Submit collection and control system design plan: Due within 1 year of the first NMOC emission rate report required under 40 CFR 60.757(b) in which the emission rate equals or exceeds 50 megagrams per year, except as provided in 40 CFR 60.757(c)(1) and (c)(2). Subpart WWW. [40 CFR 60.757(c)]
- Submit closure report: Due within 30 days of waste acceptance cessation. Do not place additional wastes into the landfill after submitting a closure report without filing a notification of modification as described under 40 CFR 60.7(a)(4). Subpart WWW. [40 CFR 60.757(d)]
- Include the information in 40 CFR 60.757(g)(1) through (g)(6) with the initial performance test report required under 40 CFR 60.8. Subpart WWW. [40 CFR 60.757(g)]
- Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WWW.

SPECIFIC REQUIREMENTS

A1 ID: 4803 - BFI - Colonial Landfill
Activity Number: PER20060003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

ARE0004 002 Uncollected Landfill Gas

- 28 [40 CFR 60.759(a)] Collection system: Site active collection wells, horizontal collectors, surface collectors, or other extraction devices at a sufficient density throughout all gas producing areas using the procedures specified in 40 CFR 60.759(a)(1) through (a)(3), unless alternative procedures have been approved by DEQ as provided in 40 CFR 60.752(b)(2)(i)(C) and (b)(2)(i)(D). Subpart WWW. [40 CFR 60.759(a)]
- 29 [40 CFR 60.759(b)] Collection system: Construct using the equipment and procedures specified in 40 CFR 60.759(b)(1) through (b)(3). Subpart WWW. [40 CFR 60.759(b)]
- 30 [40 CFR 60.759(c)] Collection system: Convey the landfill gas to a control system in compliance with 40 CFR 60.752(b)(2)(iii) through the collection header pipe(s). Ensure that the gas mover equipment is sized to handle the maximum gas generation flow rate expected over the intended use period of the gas moving equipment using the procedures specified in 40 CFR 60.759(c)(1) and (c)(2). Subpart WWW. [40 CFR 60.759(c)]
- 31 [40 CFR 61.154(f)] Equipment/operational data recordkeeping by electronic or hard copy upon occurrence of event. Maintain, until closure, records of the location, depth and area, and quantity in cubic yards (cubic meters) of asbestos-containing waste material within the disposal site on a map or diagram of the disposal area. Subpart M [LAC 33:III.5151.N.6]. [40 CFR 61.154(f)]
- 32 [40 CFR 61.154(h)] Submit report: Due to the Office of Environmental Services, DEQ upon closure of the facility. Submit a copy of records of asbestos waste disposal locations and quantities. Subpart M [LAC 33:III.5151.N.8]. [40 CFR 61.154(h)]
- 33 [40 CFR 61.154(j)] Submit written notification: Due to the Office of Environmental Services, DEQ at least 45 days prior to excavating or otherwise disturbing any asbestos-containing waste material that has been deposited at a waste disposal site and is covered. If the excavation will begin on a date other than the one contained in the original notice, provide notice of the new start date to DEQ at least 10 working days before excavation begins and in no event begin excavation earlier than the date specified in the original notification. Include the information specified in 40 CFR 61.154(j)(1) through (j)(4) in the notice. Subpart M [LAC 33:III.5151.N.10]. [40 CFR 61.154(j)]
- 34 [40 CFR 61.5151(N)(7)] Comply with all the provisions of LAC 33:III.5151.K upon closure. [40 CFR 61.5151(N)(7)]
- 35 [40 CFR 63.1955(a)(1)] Comply with the requirements of 40 CFR 60 Subpart WWW. Subpart AAAA. [40 CFR 63.1955(a)(1)]
- 36 [40 CFR 63.1960] Develop a written SSM plan according to the provisions in 40 CFR 63.6(e)(3). Maintain a copy of the SSM plan on site. Subpart AAAA.
- 37 [40 CFR 63.1980(a)] Submit report: Due every six months. Submit reports of the recorded information in 40 CFR 60.757(f)(1) through (f)(6). Subpart WWW. [40 CFR 60.757(f)]. [40 CFR 63.1980(a)]
- 38 [LAC 33:III.5151.N.1] Ensure that there are no visible emissions to the outside air.
- 39 [LAC 33:III.5151.N.2] Install and maintain warning signs and fencing as specified in LAC 33:III.5151.N.2.a through c.
- 40 [LAC 33:III.5151.N.3.a] At the end of each operating day, or at least once every 24 hour period while the site is in continuous operation, cover the asbestos-containing waste material that has been deposited at the site during the operating day or previous 24 hour period with at least 6 inches (15 centimeters) of compacted nonasbestos-containing material.
- 41 [LAC 33:III.5151.N.5.a.iv] Submit written report: Due to DEQ by the following working day after the presence of a significant amount of improperly enclosed or uncovered waste is discovered. Submit a copy of the waste shipment record (ADVF) along with the report.
- 42 [LAC 33:III.5151.N.5.a] Equipment/operational data recordkeeping by electronic or hard copy before disposal. Maintain waste shipment records, using the ADVF Form and include the information specified in LAC 33:III.5151.N.5.a.i through v.
- 43 [LAC 33:III.5151.N.5.b] Send a copy of the signed ADVF to the waste generator and to the Office of Environmental Services, DEQ as soon as possible and no longer than 30 days after the receipt of the waste.
- 44 [LAC 33:III.5151.N.5.c] Submit written report: Due to the Office of Environmental Services, DEQ within 15 days after receiving a waste shipment if a discrepancy and attempts to reconcile it, and submit a copy of the ADVF along with the report.

SPECIFIC REQUIREMENTS

AI ID: 4803 - BFI - Colonial Landfill
Activity Number: PER2006D003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

ARE0004 002 Uncollected Landfill Gas

- 45 [LAC 33:III.5151.N.5.c] Upon discovering a discrepancy between the quantity of waste designated on the ADVF and the quantity actually received, attempt to reconcile the discrepancy with the waste generator.
 Retain a copy of all records and reports required by LAC 33:III.5151.N for at least two years.
- 46 [LAC 33:III.5151.N.5.d] Furnish upon request and make available during normal business hours for inspection by DEQ, all records required under LAC 33:III.5151.N.

ARE0005 012 Solidification Operations

- 48 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
 Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
- 49 [LAC 33:III.1311.C] Which Months: All Year Statistical Basis: Six-minute average

ARE0007 D-2-0532-2 Road Dust

- 50 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

ARE0008 D-2-0532-3 Earthmoving Operations

- 51 [LAC 33:III.1305] Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.

EQT0002 001 Enclosed Flare

- 52 [40 CFR 60.752(b)(2)(iii)(B)] Nonmethane Organic compounds >= 98 % reduction by weight or <= 20 ppmv dry basis as hexane at 3% oxygen. Subpart WWW. [40 CFR 60.752(b)(2)(iii)(B)]
 Which Months: All Year Statistical Basis: None specified
- The control device shall be operated within the parameter ranges established during the initial or most recent performance test. The operating parameters to be monitored are specified in 60.756. [40 CFR 60.752(b)(2)(iii)] Operate at all times when the collected gas is routed to the system. Subpart WWW. [40 CFR 60.753(f)] Temperature monitored by temperature monitoring device continuously. Equip temperature monitoring device with a continuous recorder. Subpart WWW. [40 CFR 60.756(b)(1)]
 Which Months: All Year Statistical Basis: None specified
- Submit equipment removal report: Due 30 days prior to removal or cessation of operation of the control equipment. Include the information specified in 40 CFR 60.757(e)(1) through (e)(1)(iii). Subpart WWW. [40 CFR 60.757(e)] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 60.758(a) through (f), as applicable. Subpart WWW.

SPECIFIC REQUIREMENTS

AI ID: 4803 - BFI - Colonial Landfill
Activity Number: PER20060003
Permit Number: 0180-00035-V2
Air - Title V Regular Permit Renewal

EQT0002 001 Enclosed Flare

- 58 [LAC 33.III.1105] Opacity <= 20 percent, except for a combined total of six hours in any 10 consecutive day period, for burning in connection with pressure valve releases for control over process upsets.
 Which Months: All Year Statistical Basis: None specified
 Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record and retain at the site sufficient data to show annual potential sulfur dioxide emissions.

EQT0004 004 Tank No. 2 (Gasoline)

- 60 [LAC 33.III.2103.A] Equip with a submerged fill pipe.
 Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
 61 [LAC 33.III.2103.H.3] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.

EQT0005 005 Tank No. 3 (Gasoline)

- 63 [LAC 33.III.2103.A] Equip with a submerged fill pipe.
 Determine VOC maximum true vapor pressure using the methods in LAC 33.III.2103.H.3.a-e.
 64 [LAC 33.III.2103.H.3] Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33.III.2103.I.1 - 7, as applicable.

EQT0010 007 Portable Generator

- 66 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

EQT0011 008a Portable Pump

- 67 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

EQT0012 008b Portable Pump

- 68 [LAC 33.III.1311.C] Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
 Which Months: All Year Statistical Basis: Six-minute average

SPECIFIC REQUIREMENTS

AI ID: 4803 - BFI - Colonial Landfill
 Activity Number: PER20060003
 Permit Number: 0180-00035-V2
 Air - Title V Regular Permit Renewal

UNF0001 Entire Facility

- 69 [40 CFR 60.]
 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
- 70 [40 CFR 61.145(b)(1)]
 Provide DEQ with written notice of intention to demolish or renovate prior to performing activities to which 40 CFR 61 Subpart M applies.
- Delivery of the notice by U.S. Postal Service, commercial delivery service, or hand delivery is acceptable. Subpart M. [40 CFR 61.145(b)(1)]
- Do not install or reinstall on a facility component any insulating materials that contain commercial asbestos if the materials are either molded and friable or wet-applied and friable after drying. Subpart M.
- 71 [40 CFR 61.148]
 All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
- 72 [40 CFR 61.]
 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart AAAA.
- 73 [40 CFR 63.]
- 74 [40 CFR 70.5(a)(1)(iii)]
 Submit Title V permit application for renewal: Due 6 months before permit expiration date. [40 CFR 70.5(a)(1)(iii)]
- 75 [40 CFR 70.6(a)(3)(iii)(A)]
 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]
- 76 [40 CFR 70.6(a)(3)(iii)(B)]
 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. [40 CFR 70.6(a)(3)(iii)(B)]
- 77 [40 CFR 70.6(c)(5)(iv)]
 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]
- 78 [LAC 33.III.1103]
 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited.
- 79 [LAC 33.III.1303.B]
 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited.
- 80 [LAC 33.III.2113.A]
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5.
- 81 [LAC 33.III.219]
 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance.
- 82 [LAC 33.III.501.C.6]
 Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HR VOC), which include 1,3-Butadiene, Butene, cis-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. (State Only).

SPECIFIC REQUIREMENTS

AI ID: 4803 - BFI - Colonial Landfill
 Activity Number: PER20060003
 Permit Number: 0180-00035-V2
 Air - Title V Regular Permit Renewal

UNF0001 Entire Facility

Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. (State Only).

An individual or company contracted to perform a demolition or renovation activity which disturbs RACM must be recognized by the Licensing Board for Contractors to perform asbestos abatement, and shall meet the requirements of LAC 33:III.5151.F.2 and F.3 for each demolition or renovation activity.

Submit standby plan for the reduction or elimination of emissions during an Air Pollution Alert, Air Pollution Warning, or Air Pollution Emergency. Due within 30 days after requested by the administrative authority.

During an Air Pollution Alert, Air Pollution Warning or Air Pollution Emergency, make the standby plan available on the premises to any person authorized by the department to enforce these regulations.

Submit Emission Inventory (EI) Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year unless otherwise directed. Submit emission inventory data in the format specified by the Office of Environmental Assessment. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D.

- 83 [LAC 33:III.501.C.6]
- 84 [LAC 33:III.5151.F.1.f]

- 85 [LAC 33:III.5611.A]

- 86 [LAC 33:III.5611.B]

- 87 [LAC 33:III.919.D]